



PTO/SB/21 (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/645,732
	Filing Date	August 20, 2003
	First Named Inventor	Atli Thorarensen
	Art Unit	Not Yet Assigned
	Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	Attorney Docket Number	00833.US1

**ENCLOSURES** (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	A return-receipt postcard is enclosed.
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Pharmacia & Upjohn Company, Thomas A. Wootton, Registration No. 35,004
Signature	<i>Thomas A. Wootton</i>
Date	3 May 2004

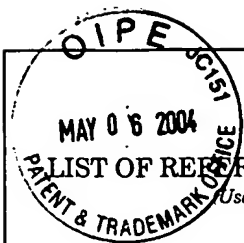
**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Julie K. Lyons		
Signature	<i>Julie K. Lyons</i>	Date	May 3, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



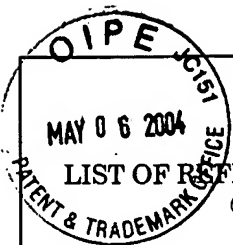
<b>LIST OF REFERENCES CITED BY APPLICANT</b> <i>(Use several sheets if necessary)</i>	<b>Atty. Docket No.</b> 00833.US1	<b>Serial No.</b> 10/645,732
<b>Applicant</b> Atli Thorarensen, et al.		
<b>Filing Date</b> August 20, 2003		<b>Group</b> 1616

**U.S. PATENT DOCUMENTS**

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA	3,836,585	Sept. 17, 1974	Edward W. Tristram, et al.	260	590	
	AB	3,855,285	Dec. 17, 1974	Gerald F. Holland	260	516	
	AC	3,856,951	Dec. 24, 1974	Gerald F. Holland	424	230	
	AD	3,869,553	March 4, 1975	Gerald F. Holland	424	317	
	AE	3,882,230	May 6, 1975	Gerald F. Holland	424	317	
	AF	4,261,985	April 14, 1981	Michel Biollaz	424	240	
	AG	5,004,742	April 2, 1991	Toshio Satoh, et al.	514	226	
	AH	5,073,566	Dec. 17, 1991	Sherryl L. Lifer, et al.	514	381	
	AI	5,135,927	Aug. 4, 1992	Werner Topfl, et al.	514	212	
	AJ	5,204,354	April 20, 1993	P. K. Chakravarty, et al.	514	259	
	AK	5,250,558	Oct. 5, 1993	P. K. Chakravarty, et al.	514	383	
	AL	5,332,750	July 26, 1994	Werner Mederski, et al.	514	340	
	AM	5,401,851	March 28, 1995	Donald B. Boyd, et al.	548	112	
	AN	5,612,360	March 18, 1997	Donald B. Boyd, et al.	514	381	
	AO	6,096,770	Aug. 1, 2000	Joseph R. Lennox, et al.	514	374	

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AP	DD 241 075 A1	Nov. 26, 1986	Germany	C07D	253/08		X
	AQ	DE 26 55 094 A1	June 15, 1978	Germany	C07D	261/18		X
	AR	DE 42 32 562 A1	March 31, 1994	Germany	B41M	5/26		X
	AS	EP 0 011 818 A1	June 11, 1980	Europe	A61K	45/06		X
	AT	EP 0 011 818 B1	Jan. 19, 1983	Europe	A61K	45/06	X Claims Only	



# LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

Atty. Docket No.

00833.US1

Serial No.

10/645,732

Applicant Atli Thorarensen, et al.

Filing Date August 20, 2003

Group 1616

	AU	EP 0 024 669 B1	April 6, 1983	Europe	C07C	103/84	X Claims Only	
	AV	EP 0 292 990 B1	Feb. 1, 1995	Europe	C07D	213/82	X	
	AW	FR 1,522,956	March 18, 1968	France	C07c	C07d		X
	AX	GB 1,276,359	June 1, 1972	Great Britain	C07C	103/76	X	
	AY	GB 1,393,854	May 14, 1975	Great Britain	C07C	65/00	X	
	AZ	JP 01-247466	Oct. 3, 1989	Japan	C09B	53/00		X
	BA	JP 01-287066	Nov. 17, 1989	Japan	C07C	103/84		X
	BB	JP 02-218654	Aug. 31, 1990	Japan	C07C	233/53		X
	BC	JP 03-005425	Jan. 11, 1991	Japan	A61K	31/54		X
	BD	JP 03-056431	March 12, 1991	Japan	C07C	33/46		X
	BE	JP 06-155925	June 3, 1994	Japan	B41M	5/30		X
	BF	JP 07-126232	May 16, 1995	Japan	C07C	233/54		X
	BG	JP 11-171848	June 29, 1999	Japan	C07C	237/40		X
	BH	JP 04-316559	Nov. 6, 1992	Japan	C07D	231/14		X
	BI	JP 54-066649	May 29, 1979	Japan	C07C	103/84		X
	BJ	JP 62-223160	Oct. 1, 1987	Japan	C07C	103/84		X
	BK	JP 63-002978	Jan. 7, 1988	Japan	C07D	213/82		X
	BL	JP 63-014770	Jan. 21, 1988	Japan	C07D	213/85		X
	BM	JP 63-154680	June 27, 1988	Japan	C07D	309/32		X
	BN	JP 63-159370	July 2, 1988	Japan	C07D	213/82		X
	BO	JP 64-9985	Jan. 13, 1989	Japan	C07D	309/38		X
	BP	NL 9202078	Nov. 30, 1992	Netherlands	A01N	37/22		X
	BQ	WO 91/18883	Dec. 12, 1991	PCT	C07D	213/81	X	
	BR	WO 95/06644	March 9, 1995	PCT	C07D	295/14	X	
	BS	WO 95/18097	July 6, 1995	PCT	C07C	237/30		X
	BT	WO 95/32943	Dec. 7, 1995	PCT	C07C	233/55		X
	BU	WO 96/16954	June 6, 1996	PCT	C07D	307/68	X	
	BV	WO 97/28118	Aug. 7, 1997	PCT	C07C	231/12	X	

LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)				Atty. Docket No. 00833.US1		Serial No. 10/645,732				
				Applicant Atli Thorarensen, et al.						
				Filing Date August 20, 2003		Group 1616				
	BW	WO 97/28132	Aug. 7, 1997	PCT	C07D	239/22	X			
	BX	WO 99/00121	Jan. 7, 1999	PCT	A61K	31/18	X			
	BY	WO 99/07670	Feb. 18, 1999	PCT	C07C	233/63	X			
	BZ	WO 99/32433	July 1, 1999	PCT	C07C	237/44	X			
	CA	WO 99/45002	Sept. 10, 1999	PCT	C07D	307/86		X		
	CB	WO 99/61013	Dec. 2, 1999	PCT	A61K	31/00	X			
	CC	WO 00/24707	May 4, 2000	PCT	C07C	275/42	X			
	CD	WO 00/39118	July 6, 2000	PCT	C07D	401/14	X			
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)										
	CE	Abdel-Hamide, S.G., "Synthesis of some New Heterocyclic Systems bearing 2-Phenyl-6-iodo-4(3H)-quinazolinon-3-yl Moiety as Antibacterial Agents", J. Indian Chem. Soc., (August 1997), Vol. 74(8), Pages 613-618.								
	CF	Barry, Roger D. and Richard A. Balding, "Synthesis of 3-Aryl-7-nitro-3,4-dihydroisocoumarins from 4-Nitrohomophthalic Acid", J. Heterocyclic Chemistry, (December 1972), Vol. 9, Pages 1255-1257.								
	CG	Errede, L.A., H.T. Oien and D.R. Yarian, "Acylanthranils. 3. The Influence of Ring Substituents on Reactivity and Selectivity in the Reaction of Acylanthranils with Amines", J. Org. Chem., (1977), 42(1), Pages 12-18.								
	CH	Fenton, Garry, et al., "Hypolipidemic 2-[4-(1,1-Dimethylethyl)phenyl]-4H-3,1-benzoxazin-4-ones. Structure-Activity Relationships of a Novel Series of High-Density Lipoprotein Elevators", J. Med. Chem., (1989), 32(1), Pages 265-272.								
	CI	Hisano, T., K. Shoji and M. Ichikawa, "A Convenient Method for Synthesis of 4(3H)-Quinazolinones", Organic Preparations and Procedures Int., (1975), Vol. 7(6), Pages 271-275.								
	CJ	Hisano, T., K. Shoji and M. Ichikawa, "Studies on Organosulfur Compounds. XV. Substituent Effects on 2-(2-Pyridyl)-3-substitutedphenyl-4(3H)-quinazolinone Cyclization", Yakugaku Zasshi, (1976), Vol. 96(7), Pages 886-890.								
	CK	Holla, B. Shivarama and Sarvottam Y. Ambekar, "Studies in Biheterocycles: Part III* - Nitration of 2-(2'Furyl)indole & 2-(2'-Thienyl)-indole", Indian J. Chem., (1978), Vol. 16B(3), 240-241.								
	CL	Kerdawy, M.M.El, et al., "Synthesis of Certain Benzoxazine and Quinazoline Derivatives as Potential Antiinflammatory Agents", Egypt. J. Pharm. Sci., (1994), Vol. 35, No. 1-6, Pages 1-20.								
	CM	Mehta, H.J., V.S. Patel and S.R. Patel, "Niementowski 4-Ketoquinazoline Synthesis: Part III. Study of the Condensation of N-Acyl-Anthranilic Acids with Formamide, Urethane and Urea", J. Indian Chem. Soc., (1970), Vol. 47(2), Pages 125-130.								
	CN	Milton, J., et al., "Biaryl Acids: Novel Non-Nucleoside Inhibitors of HIV Reverse Transcriptase Types 1 and 2", Bioorganic & Medicinal Chemistry Letters (1998) 8(19), Pages 2623-2628.								
	CO	Patel, V.S. and S.R. Patel, "Niementowski 4-Ketoquinazoline Synthesis: Modification and Mechanism (Part II). Synthesis of 5,6,7 and 8-Chloro-2(R)-3(H)-4-Ketoquinazolines", J. Indian Chem. Soc., (1968), Vol. 45(2), Pages 167-170.								

<b>LIST OF REFERENCES CITED BY APPLICANT</b> <i>(Use several sheets if necessary)</i>		<b>Atty. Docket No.</b> 00833.US1	<b>Serial No.</b> 10/645,732
		<b>Applicant</b> Atli Thorarensen, et al.	
		<b>Filing Date</b> August 20, 2003	<b>Group</b> 1616
	CP	Peet, Norton P., Shyam Sunder and Werner H. Braun, " <i>Synthesis of 5H,12H-Quinazolino[3,2-a][3,1]-benzoxazine-5,12-diones</i> ", J. Org. Chem., (1976) 41(16), Pages 2728-2731.	
	CQ	Singh, S., (Mrs.) S. Kaur and A.N. Kaushal, " <i>Quinazolino Benzothiazine Derivatives. Part II</i> ", J. Indian Chem. Soc., (April 1976), Vol. 53(4), Pages 382-385	
	CR	Susse, M. and S. Johne, " <i>Chinazolin-4-on-3-benzoesauren und -ester</i> ", J. Prakt. Chemie. (1984), Vol. 326(6), Pages 1027-1033.	
	CS	Yee, Ying K., et al., " <i>N2-Aroylanthranilamide Inhibitors of Human Factor Xa</i> ", J. Med. Chem., (2000), 43(5), Pgs. 873-882.	
	CT	" <i>Quinazolinecarboxylic acids. Preparation of 4-oxo-1,2,3-benzotriazinylbenzoic acids</i> ", Z. Chem., (1986), 26(5), Pages 166-167.	
Examiner		Date Considered	